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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

O'REGAN ET AL.

CASE NO.: UA0026 US NA

SERIAL NO.: 09/617,858

GROUP ART UNIT: 2814

FILED: JULY 17, 2000

EXAMINER: LOUIE, W

FOR: LONG-LIFETIME POLYMER LIGHT-  
EMITTING DEVICES WITH IMPROVED  
LUMINOUS EFFICIENCY AND RADIANCEResponse under 37 C.F.R. §1.111Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Office Action dated October 31, 2001, reconsideration is requested in light of the following Remarks. A petition for two-months extension of time is filed herewith. Therefore, this response is timely filed.

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Claim 1-24 are pending.

**A. Claim Rejections - 35 USC §112**

Applicants submit that Claim 4, line 2 refers to the second cathode layer, which has a high work function (see Claim 1, line 6). Therefore, Claim 4 is not indefinite under 35 USC §112 paragraph 2, and therefore allowable.

**B. Claim Rejections 35 USC §103**

The present invention relates to a light-emitting device (100) comprising an anode (120) having a semi-transparent layer (122) with a high reflectivity and a high work function, a multi-layer cathode (140) comprising at least one first cathode layer (142) of a low work function material, and at least one